



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Certificate of Deposit by "Express Mail"

Express Mail Number: ED 745 902 123 US

Date of Deposit: April 15, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service using "Express Mail Post Office to Addressee" Service under 37 CFR § 1.10 on the date indicated above and is addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

Signed: _____

Marilyn L. Vail

RESPONSE TO OFFICE ACTION MAILED 12/15/2004

SERIAL NUMBER: 10/729,509

FILING DATE: 12/04/2003

EXAMINER: THOMAS A. BEACH

GROUP ART UNIT: 3671

FIRST NAMED INVENTOR: JAMES E. CHITWOOD

SECOND NAMED INVENTOR: WILLIAM BANNING VAIL III

TITLE: HIGH POWER UMBILICALS FOR ELECTRIC FLOWLINE
IMMERSION HEATING OF PRODUCED HYDROCARBONS

"RESPONSE TO OFFICE ACTION
MAILED 12/15/2004"
Serial No. 10/729,509
Rig-2

1 April 15, 2005

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4 Commissioner for Patents
5 P.O. Box 1450
6 Alexandria, VA 22313-1450
7

8 Dear Sir:

9
10 Applicant respectfully petitions the Commissioner under
11 37 CFR 1.136(a) to grant a one-month extension of time for
12 the response to the Office Action mailed 12/15/2004.
13 Accordingly, with the one-month extension, the Response to
14 the Office Action dated 12/15/2004 may be made up until, and
15 including, the date of Friday, 4/15/2005. Payment is
16 provided in the amount of \$60 for this one-month extension.
17 Thank you.

18
19
20
21 ADDITIONAL DOCUMENTS ACCOMPANYING
22 THIS TRANSMITTAL LETTER:

- 23
24 1. Transmittal Form PTO/SB/21
25
26 2. Fee Transmittal for FY 2005 Form PTO/SB/17 and
27 a copy
28
29 3. Petition for Extension of Time Under
30 37 CFR 1.136(a) FY 2005 Form PTO/SB/22 and a copy
31
32 4. Vail's Inventions Check No. 8767 in the amount
33 of \$60.00

"RESPONSE TO OFFICE ACTION
MAILED 12/15/2004"
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Rig-2

- 1 5. Self-addressed stamped receipt postcard
- 2
- 3 6. Separate Certificate of Deposit by "Express Mail"
- 4
- 5 7. Information Disclosure Statement and accompanying
- 6 Form PTO-1449
- 7

8 Amendments to the Claims are reflected in the listing of
9 Claims which begins on page 4 of this paper. The Remarks
10 begin on page 9 of this paper.

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"RESPONSE TO OFFICE ACTION
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